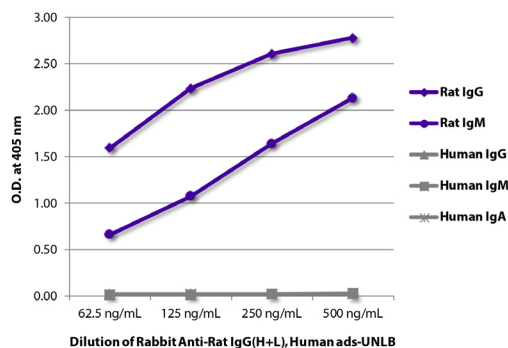




Rabbit Anti-Rat IgG(H+L), Human ads

Cat. No.	Format	Size
6185-01	Purified (UNLB)	1.0 mg
6185-02	Fluorescein (FITC)	1.0 mg
6185-04	Alkaline Phosphatase (AP)	1.0 mL
6185-05	Horseradish Peroxidase (HRP)	1.0 mL
6185-08	Biotin (BIOT)	1.0 mg



ELISA plate was coated with purified rat IgG and IgM and human IgG, IgM, and IgA. Immunoglobulins were detected with Rabbit Anti-Rat IgG(H+L), Human ads-UNLB (SB Cat. No. 6185-01) followed by Rat Anti-Rabbit Ig-UNLB (SB Cat. No. 4065-05).

Description

Specificity	Reacts with the heavy and light chains of rat IgG and the light chains of rat IgM
Source	Pooled antisera from rabbits hyperimmunized with rat IgG
Cross Adsorption	Human immunoglobulins and pooled sera; may react with immunoglobulins from other species and the light chains of other rat immunoglobulins
Purification	Affinity chromatography on rat IgG covalently linked to agarose

Applications

Quality tested applications include –

ELISA¹

FLISA

Other referenced applications include –

IHC-FS^{2,3}

IHC-PS⁴

Working Dilutions

ELISA	AP conjugate	1:2,000 – 1:4,000
	HRP conjugate	1:4,000 – 1:8,000
	BIOT conjugate	1:5,000 – 1:20,000
FLISA	FITC conjugate	1:200 – 1:400
Other Applications	Since applications vary, you should determine the optimum working dilution for the product that is appropriate for your specific need.	

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Handling and Storage

- The purified (UNLB) antibody is supplied as 1.0 mg purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. *No preservatives or amine-containing buffer salts added.* Store at 2-8°C.
- The fluorescein (FITC) conjugate is supplied as 1.0 mg in 1.0 mL of PBS/NaN₃. Store at 2-8°C.
- The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL in a stock solution of 50 mM Tris/1 mM MgCl₂/50% glycerol, pH 8.0, containing NaN₃ as preservative. Store at 2-8°C or long-term at -20°C.
- The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL in a stock solution of 50% glycerol/50% PBS, pH 7.4. No preservative added. Store at 2-8°C or long-term at -20°C.
- The biotin (BIOT) conjugate is supplied as 1.0 mg in 2.0 mL of PBS/NaN₃. Store at 2-8°C.
- Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

Warning

Some reagents contain sodium azide. Please refer to product specific SDS.

References

1. Novitzky N, Davison G, Abdulla R, Mowla S. Definition of the variables affecting efficacy of immunodepletion ex vivo of peripheral blood progenitor cell grafts by alemtuzumab (Campath in the bag). *Biol Blood Marrow Transplant.* 2013;19:1753-9. (ELISA)
2. Fang Y, Xu C, Fu Y, Holers VM, Molina H. Expression of complement receptors 1 and 2 on follicular dendritic cells is necessary for the generation of a strong antigen-specific IgG response. *J Immunol.* 1998;160:5273-9. (IHC-FS)
3. Mao D, Wu X, Deppong C, Friend LD, Dolecki G, Nelson DM, et al. Negligible role of antibodies and C5 in pregnancy loss associated exclusively with C3-dependent mechanisms through complement alternative pathway. *Immunity.* 2003;19:813-22. (IHC-FS)
4. SouthernBiotech published data (IHC-PS)